

ORIGINAL RESEARCH

Food Systems in Sustainable Development

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Abstract:

This journal focuses on the sub-theme of "Food Systems in Sustainable Development" within the broader context of the conference on Sustainable Food Systems, Diet, Health Inequalities, and Policy. The abstract provides a concise overview of the topic, outlining the scope of the study, significant data, major findings, and conclusions. It follows a structured format, starting with the background, objective, results, and conclusion.

Background:

Food systems play a crucial role in achieving sustainable development goals by addressing the interrelated challenges of food production, distribution, consumption, and environmental impact. This abstract presents key insights into sustainable agricultural practices, resource efficiency, and equitable access to nutritious food within sustainable development.

Objective:

This study aims to examine the role of food systems in sustainable development and explore strategies for enhancing their environmental, social, and economic dimensions. It aims to shed light on the challenges and opportunities associated with current food systems and provide evidence-based recommendations for transformative change.

Results:

The study highlights the urgent need to transition towards sustainable agricultural practices, including agroecological approaches such as organic farming, permaculture, and regenerative agriculture. These practices contribute to resource efficiency, biodiversity conservation, and climate change mitigation and adaptation.

Moreover, the study emphasizes the importance of promoting equitable access to nutritious and culturally appropriate food for all individuals. It explores the effectiveness of local food systems, such as farmers' markets, community-supported agriculture, and urban agriculture initiatives, in enhancing food security, supporting local economies, and reducing the carbon footprint associated with long-distance food transportation.

The role of technology in revolutionizing food systems is also discussed, focusing on innovative approaches like precision agriculture, vertical farming, and blockchain-based traceability systems. These technologies have the potential to enhance productivity, reduce waste, and ensure transparency and accountability throughout the food value chain.

Conclusion:

In conclusion, this study underscores the significance of food systems in sustainable development and the need for transformative change. It highlights the importance of collaborative partnerships, knowledge sharing, and evidence-based policies to address the challenges and opportunities associated with sustainable food systems. By prioritizing sustainable agriculture, enhancing food security, and addressing health and social inequalities, we can contribute to a future where our food systems promote the well-being of both people and the planet. **Keywords:** food systems, sustainable development, agriculture, resource efficiency, equitable access.